

Recombinant Human CSRP3 protein, MYC/DDK-tagged

Cat. No. CSRP3-3053H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSRP3, transcript variant 2, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the CSRP family of LIM domain proteins, which may be involved in regulatory processes important for development and cellular differentiation. The LIM/double zinc-finger motif found in this protein is found in a group of proteins with critical functions in gene regulation, cell growth, and somatic differentiation. Mutations in this gene are thought to cause heritable forms of hypertrophic cardiomyopathy (HCM) and dilated cardiomyopathy (DCM) in humans. Alternatively spliced transcript variants with different 5' UTR, but encoding the same protein, have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	20.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CSRP3 cysteine and glycine-rich protein 3 (cardiac LIM protein) [Homo sapiens]
Official Symbol	CSRP3
Synonyms	CSRP3; cysteine and glycine-rich protein 3 (cardiac LIM protein); cysteine and glycine-rich protein 3; CLP; CMD1M; MLP; LIM domain only 4; muscle LIM protein; cardiac LIM domain protein; LIM domain protein, cardiac; CRP3; LMO4; CMH12; MGC14488; MGC61993;
Gene ID	8048
mRNA Refseq	NM_001127656
Protein Refseq	NP_001121128
MIM	600824
UniProt ID	P50461
Chromosome Location	11p15.1
Function	metal ion binding; protein binding; zinc ion binding;